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PROPOSED AMENDMENT
U.S. APPLN. NO. 10/550,605

1. A method of stopping an unmanned mine vehicle in a predetermined position, the mine vehicle being controlled by means of a control system comprising at least a first control unit in the mine vehicle, a second control unit outside the mine vehicle and a data transmission connection between said control units,

and the method comprising:

driving the mine vehicle, controlled by said control system, towards a predetermined position;

monitoring at least a speed of the mine vehicle and a speed of the driving power transmission of the mine vehicle,

driving the mine vehicle at a speed significantly lower than a normal driving speed and driving intentionally against at least one physical stationary obstacle that is arranged in a predetermined position wherein the mine vehicle collides with the obstacle;

and stopping the driving power of the mine vehicle when a ratio of the speed of the driving power transmission to the speed of the mine vehicle exceeds a predetermined limit value as a result of a tractive resistance caused by the obstacle resisting the proceeding of the mine vehicle after collision.